

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

A49.9
R31
cop. 2

ARS 53-4

Revised September 1955

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

Tables on Hatchery and Flock Participation in the
National Turkey Improvement Plan

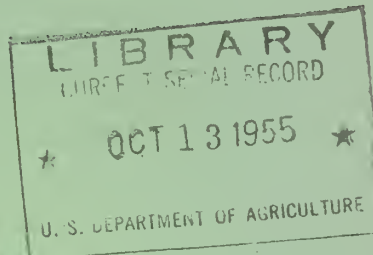


Table 1 - Hatchery Participation in the National Turkey Improvement Plan,
by States and Divisions, 1953-54 and 1954-55

State and Division	1953-54		1954-55	
	Number	Egg Capacity	Number	Egg Capacity
Maine	8	245,500	10	185,300
New Hampshire	7	34,900	12	38,400
Vermont	7	92,466	7	116,000
Massachusetts	53	603,570	33	397,340
Rhode Island	4	34,000	3	16,600
Connecticut	16	244,849	15	200,200
New York	45	1,029,790	42	973,486
New Jersey	21	370,490	18	387,640
Pennsylvania	43	1,237,971	42	1,566,257
NORTH ATLANTIC	204	3,893,536	182	3,881,223
Ohio	37	1,932,336	33	1,938,246
Indiana	14	629,000	11	622,000
Illinois	16	673,510	15	627,175
Michigan	20	1,707,000	18	1,775,663
Wisconsin	7	429,600	7	519,350
EAST NORTH CENTRAL	94	5,371,446	84	5,482,434
Minnesota	56	4,142,600	51	4,866,000
Iowa	-	-	12	1,337,000
Missouri	28	1,486,052	24	1,701,160
North Dakota	13	446,746	14	466,814
South Dakota	4	178,000	3	175,000
Nebraska	14	705,300	12	555,094
Kansas	16	603,455	13	596,750
WEST NORTH CENTRAL	131	7,562,153	129	9,697,818
Delaware	3	218,800	2	118,800
Maryland	18	355,900	18	279,500
Virginia	33	2,286,895	22	2,106,995
West Virginia	2	118,000	1	64,800
North Carolina	12	480,933	10	406,243
South Carolina	17	794,436	16	964,000
Georgia	4	125,760	5	136,740
Florida	11	136,630	10	145,900
SOUTH ATLANTIC	100	4,517,354	84	4,222,978
Kentucky	4	744,000	4	731,000
Tennessee	-	-	2	25,000
Alabama	5	77,265	5	76,015
Mississippi	1	11,500	2	26,720
Arkansas	7	164,928	8	415,700
Louisiana	2	45,400	2	45,400
Oklahoma	27	983,500	29	997,700
Texas	44	1,783,296	40	1,749,616
SOUTH CENTRAL	90	3,809,889	92	4,067,151
Montana	4	16,000	-	-
Idaho	4	206,130	1	12,600
Wyoming	-	-	-	-
Colorado	2	195,000	2	256,000
New Mexico	1	8,000	-	-
Arizona	2	19,000	1	5,000
Utah	9	983,495	5	586,495
Washington	12	714,600	14	663,605
Oregon	24	2,321,900	25	2,422,300
California	113	7,845,643	105	8,123,196
WESTERN	171	12,309,768	153	12,069,196
UNITED STATES	790	37,464,146	724	39,420,800

*

*

*

Information in this report was compiled by the Animal and Poultry Husbandry Research Branch, Agricultural Research Service.

Table 2 - Flock Participation in the National Turkey Improvement Plan,
by States and Divisions, 1953-54 and 1954-55

State and Division	1953-54			1954-55		
	Flocks	Birds	Av. birds per flock	Flocks	Birds	Av. birds per flock
Maine	30	14,148	472	19	7,940	418
New Hampshire	18	7,387	410	12	7,189	599
Vermont	15	5,860	391	18	5,584	310
Massachusetts	56	21,526	384	52	20,805	400
Rhode Island	18	1,994	111	10	1,371	137
Connecticut	88	10,193	116	28	10,990	393
New York	78	39,062	500	68	37,575	553
New Jersey	33	8,956	271	36	9,252	257
Pennsylvania	68	38,925	572	66	34,999	530
NORTH ATLANTIC	404	148,051	366	309	135,705	439
Ohio	136	109,959	809	166	143,704	866
Indiana	44	23,612	537	32	17,746	555
Illinois	36	13,861	385	47	20,061	427
Michigan	147	82,817	563	135	77,428	574
Wisconsin	43	39,238	913	62	43,974	709
EAST NORTH CENTRAL	406	269,487	664	442	302,913	685
Minnesota	371	268,415	723	384	276,576	720
Iowa	34	61,945	1,822	61	63,258	1,037
Missouri	251	163,990	653	246	159,178	647
North Dakota	23	12,579	547	29	15,808	545
South Dakota	4	4,074	1,019	2	2,865	1,433
Nebraska	28	24,050	859	18	21,088	1,172
Kansas	62	33,636	543	61	33,183	544
WEST NORTH CENTRAL	773	568,689	736	801	571,956	714
Delaware	18	3,766	209	20	4,521	226
Maryland	65	19,614	302	60	15,935	266
Virginia	544	299,722	551	526	268,364	510
West Virginia	44	8,240	187	34	8,194	241
North Carolina	52	38,102	733	61	41,111	674
South Carolina	40	88,012	2,200	37	69,001	1,865
Georgia	8	3,922	490	5	3,771	754
Florida	20	6,047	302	18	6,346	353
SOUTH ATLANTIC	791	467,425	591	761	417,243	548
Kentucky	28	33,136	1,183	27	25,799	956
Tennessee	-	-	-	3	294	98
Alabama	19	5,867	309	14	8,387	599
Mississippi	5	3,220	644	11	3,467	315
Arkansas	39	26,433	678	23	18,245	793
Louisiana	-	-	-	-	-	-
Oklahoma	92	35,274	383	119	46,336	389
Texas	439	185,969	424	308	226,736	736
SOUTH CENTRAL	622	289,899	466	505	329,264	652
Montana	-	-	-	-	-	-
Idaho	3	3,080	1,027	1	636	636
Wyoming	-	-	-	-	-	-
Colorado	3	1,677	559	3	3,728	1,243
New Mexico	-	-	-	-	-	-
Arizona	2	1,342	671	-	-	-
Utah	39	31,203	800	40	32,259	806
Washington	77	90,023	1,169	63	75,077	1,192
Oregon	240	240,530	1,002	219	236,303	1,079
California	483	654,948	1,356	477	660,291	1,384
WESTERN	847	1,022,803	1,207	803	1,008,294	1,256
UNITED STATES	3,843	2,766,354	720	3,621	2,765,375	764

Table 3 - Summary of Hatchery Participation in the National Turkey Improvement Plan,
1949-50 to 1954-55 inclusive

		1949-50	1950-51	1951-52	1952-53	1953-54	1954-55 *
Number Hatcheries		815	895	819	890	790	724
Hatching Egg Capacity		31,710,192	34,567,108	31,231,271	36,003,752	37,464,146	39,420,800
Percent Increase	No.	+ 6.12	+9.82	-8.49	+ 8.67	-11.24	-8.35
or Decrease	Cap.	-1.13	+9.01	-9.65	+ 15.28	+ 4.06	+ 5.22
U. S.	No.	615	669	644	667	628	
Approved	Cap.	25,632,158	28,650,869	27,008,114	29,702,484	32,407,667	1/ 570
	Per.	80.83	82.88	86.48	82.50	86.50	31,955,794
U. S.	No.	22	31	20	21	16	81.06
Certified	Cap.	529,551	872,015	683,050	879,800	550,370	
	Per.	1.67	2.52	2.19	2.44	1.47	
Pullorum Classes	No.	178	195	155	202	146	2/ 154
Only (no breeding	Cap.	5,548,483	5,044,224	3,540,107	5,421,468	4,506,109	7,465,006
stage)	Per.	17.50	14.60	11.33	15.06	12.03	18.94
U. S.	No.	164	161	85	34	16	
Pullorum-Controlled	Cap.	7,531,997	6,544,767	4,162,425	1,452,620	579,636	
	Per.	23.75	18.93	13.33	4.04	1.55	
U. S.	No.	193	148	143	132	98	3/ 64
Pullorum-Passed	Cap.	6,595,006	4,918,411	4,405,761	5,652,949	3,591,232	3,436,319
	Per.	20.80	14.23	14.11	15.70	9.58	8.72
U. S.	No.	458	586	591	724	676	4/ 660
Pullorum-Clean	Cap.	17,583,189	23,103,930	22,663,085	28,898,183	33,293,278	35,984,481
	Per.	55.45	66.84	72.56	80.26	88.87	91.28

*The 1954-55 data are based on the classification of poult produced rather than hatchery classification.

1/Produced U. S. Approved and/or U.S. Certified poult.

3/Produced U.S. Pullorum-Typhoid Passed poult.

2/Produced no U.S. Approved or U.S. Certified poult.

4/Produced U.S. Pullorum-Typhoid Clean poult.

Table 4 - Summary of Flock Participation in the National Turkey Improvement Plan,
1949-50 to 1954-55 inclusive

		1949-50	1950-51	1951-52	1952-53	1953-54	1954-55
Number flocks		3,922	3,920	4,273	3,811	3,843	3,621
Number birds		2,132,644	2,264,369	3,063,677	2,596,701	2,766,354	2,765,375
Percent Increase	Flocks	+ 21.65	-.05	+ 9.01	-10.82	+ .84	-5.78
or Decrease	Birds	+ 15.28	+ 6.18	+ 35.30	-15.24	+ 6.53	-.04
Av. No. Birds per flock		544	578	717	681	720	764
U. S.	Flocks	3,213	3,204	3,367	3,244	3,321	3,259
Approved	Birds	1,650,256	1,793,230	2,451,755	2,147,248	2,364,661	2,437,398
	Per.	77.38	79.20	80.03	82.69	85.48	88.14
U. S.	Flocks	205	177	315	127	96	47
Certified	Birds	97,637	115,570	148,902	64,491	54,173	54,314
	Per.	4.58	5.10	4.86	2.48	1.96	1.96
Pullorum Classes	Flocks	504	539	591	440	426	315
Only (no breeding	Birds	384,751	355,569	463,020	384,962	347,520	273,663
stage)	Per.	18.04	15.70	15.11	14.83	12.56	9.90
U. S.	Flocks	291	272	145	35	50	
Pullorum-Controlled	Birds	148,955	122,170	75,194	37,897	51,052	
	Per.	6.99	5.40	2.46	1.46	1.84	
U. S.	Flocks	797	665	404	381	160	156
Pullorum-Passed	Birds	305,680	282,172	244,809	211,179	85,416	104,351
	Per.	14.33	12.46	7.99	8.13	3.09	3.77
U. S.	Flocks	2,834	2,983	3,724	3,395	3,633	3,465
Pullorum-Clean	Birds	1,678,009	1,860,027	2,743,674	2,347,625	2,629,886	2,661,024
	Per.	78.68	82.14	89.55	90.41	95.07	96.23
U. S.	No. Flocks	4,717	4,163	4,728	4,164	4,225	3,923
FIRST	No. Birds	2,340,576	2,392,630	3,277,780	2,753,966	2,946,586	2,918,037
TEST	No. Reactors	9,172	8,502	6,725	4,882	2,641	1,007
	Percent Reactors	0.39	0.36	0.21	0.18	.09	0.03